

Title (en)
LIQUID CRYSTAL PANEL

Title (de)
FLÜSSIGKRISTALLTAFEL

Title (fr)
PANNEAU À CRISTAUX LIQUIDES

Publication
EP 2405297 A1 20120111 (EN)

Application
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Priority
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Abstract (en)
When a counter signal line 13 electrically connected to a counter electrode 24 is provided on an active matrix substrate 11, a coil 14 is formed by allowing a part of the counter signal line 13 to make a loop in a plane parallel to the substrate. To form the coil 14, two wiring layers provided to the active matrix substrate 11 are used. By inserting the coil 14 in series with the counter signal line 13, high-frequency noise placed on a counter electrode voltage is suppressed and a liquid crystal applied voltage is stabilized, improving the display quality of a liquid crystal screen. A similar coil may be formed using a power supply line on the active matrix substrate 11. By this, a liquid crystal panel which is highly immune to noise even without providing anti-noise components is provided.

IPC 8 full level
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CPC (source: EP US)
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